

# Pedro Alberto Barrio

## List of Publications by Citations

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**Version:** 2024-04-25

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16  
papers

308  
citations

11  
h-index

17  
g-index

17  
ext. papers

367  
ext. citations

3  
avg, IF

2.74  
L-index

#	Paper	IF	Citations
16	Signaling and biological effects of glucagon-like peptide 1 on the differentiation of mesenchymal stem cells from human bone marrow. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E634-43	6	88
15	Metacarpal sexual determination in a Spanish population. <i>Journal of Forensic Sciences</i> , <b>2006</b> , 51, 990-5	1.8	44
14	Current state-of-art of STR sequencing in forensic genetics. <i>Electrophoresis</i> , <b>2018</b> , 39, 2655-2668	3.6	41
13	Systematic evaluation of the early access applied biosystems precision ID Globalfiler mixture ID and Globalfiler NGS STR panels for the ion S5 system. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 36, 95-103	4.3	21
12	Massively parallel sequence data of 31 autosomal STR loci from 496 Spanish individuals revealed concordance with CE-STR technology and enhanced discrimination power. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 42, 49-55	4.3	20
11	GHEP-ISFG collaborative exercise on mixture profiles (GHEP-MIX06). Reporting conclusions: Results and evaluation. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 35, 156-163	4.3	18
10	GHEP-ISFG collaborative exercise on mixture profiles of autosomal STRs (GHEP-MIX01, GHEP-MIX02 and GHEP-MIX03): results and evaluation. <i>Forensic Science International: Genetics</i> , <b>2014</b> , 10, 64-72	4.3	12
9	Population data for 16 Y-chromosome STRs in four populations from Pyrenees (Spain). <i>Forensic Science International</i> , <b>2004</b> , 140, 125-9	2.6	12
8	Glucokinase and glucokinase regulatory proteins are functionally coexpressed before birth in the rat brain. <i>Journal of Neuroendocrinology</i> , <b>2009</b> , 21, 973-81	3.8	11
7	Insulin-receptor substrate-2 (irs-2) is required for maintaining glucokinase and glucokinase regulatory protein expression in mouse liver. <i>PLoS ONE</i> , <b>2013</b> , 8, e58797	3.7	11
6	Formulation and communication of evaluative forensic science expert opinion-A GHEP-ISFG contribution to the establishment of standards. <i>Forensic Science International: Genetics</i> , <b>2016</b> , 25, 210-213	4.3	6
5	Revisi3n de m3todos de extracci3n de ADN a partir de restos 3eos en el laboratorio forense. <i>Revista Espanola De Medicina Legal</i> , <b>2013</b> , 39, 54-62	0.2	2
4	The first GHEP-ISFG collaborative exercise on forensic applications of massively parallel sequencing. <i>Forensic Science International: Genetics</i> , <b>2020</b> , 49, 102391	4.3	2
3	LIMS configuration to fit new massively parallel sequencing workflows in forensic genetics. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e104-e106	0.5	1
2	Forensic evaluation of two nucleic acid extraction systems and validation of a RT-qPCR protocol for identification of SARS-CoV-2 in post-mortem nasopharyngeal swabs. <i>Forensic Science International</i> , <b>2021</b> , 323, 110775	2.6	1
1	La identificaci3n gen3tica como herramienta en la investigaci3n de adopciones irregulares y sustracci3n de reci3n nacidos en Espa3a: experiencia del Instituto Nacional de Toxicolog3a y Ciencias Forenses (Departamento de Barcelona). <i>Revista Espanola De Medicina Legal</i> , <b>2016</b> , 42, 4-9	0.2	